

PETCAVICH, ROBERT J.
Serial No. 10/633,207
January 23, 2007

AMENDMENT TO THE CLAIMS

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (currently amended) A process for preserving ~~fresh~~ post harvest produce comprising the step of coating ~~the~~ an exterior surface of the post harvest produce with a coating composition comprising an aqueous emulsion of from about 0.25 to 25% by weight of the polyvinylidene chloride copolymer, and from about 0.0005 to 10% by weight nonionic surfactant.
2. (currently amended) A process as set forth in claim 1, wherein the polyvinylidene chloride copolymer ~~consists of~~ is formed of co-monomers selected from the group consisting of polyvinylidene chloride-co-, acrylic acid, styrene, vinyl chloride, or combinations of the aforementioned co-monomers and combinations thereof.
3. (currently amended) A process as set forth in claim 1, wherein the nonionic surfactant is at least one selected from the group consisting of octylphenol ethoxylates, nonylphenol ethoxylates, and Triton X45, Tergitol, and polysorbates or dioctyl sodium sulfosuccinate.
4. (currently amended) A process as set forth in claim 1 wherein the coating composition includes from about 0.05 to about 0.1% by weight of an antimicrobial antimicrobials.
5. (currently amended) A process as set forth in claim 1 wherein the coating composition includes from about 50 to about 1000 parts per billion of a fungicide fungicides.
6. (original) A process as set forth in claim 1 wherein the coating composition includes about 0.005 to 0.1% polydimethylsiloxane.

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7. – 11. (cancelled)

12. (new) A process for preserving post harvest produce comprising coating an exterior surface of the post harvest produce with a produce-preserving effective amount of a coating composition comprising an aqueous emulsion of polyvinylidene chloride copolymer, and at least one non-ionic surfactant which is selected from the group consisting of octylphenol ethoxylates, nonylphenol ethoxylates, and polysorbates.